

WHAT IS CLAIMED IS:

1. A sealing ring, comprising:
 - a lip ring including an elastomeric material;
 - a supporting joined to the lip ring, the supporting ring including a resin.
2. The sealing ring as recited in claim 1, wherein the resin is made an epoxide resin.
3. The sealing ring as recited in claim 1, wherein the supporting ring and the lip ring are integrally joined by vulcanization.
4. The sealing ring as recited in claim 1, wherein the supporting ring is capable of being produced in one of a primary forming and a reforming process.
5. A method for manufacturing a sealing ring, comprising:
 - introducing a resin into a first cavity of a tool and subsequently hardening the resin so as to fabricate a supporting ring;
 - introducing an elastomeric material into a second cavity of the tool and extruding the elastomeric material onto the supporting ring so as to fabricate a lip ring;
 - hardening the elastomeric material so as to bond the lip ring to the supporting ring thereby forming the sealing ring; and
 - removing the sealing ring from the tool.
6. A method for manufacturing a sealing ring, comprising:
 - introducing a resin into a first cavity of a first tool and subsequently hardening the resin so as to create a hardened supporting ring;
 - inserting the hardened supporting ring into a second tool;
 - introducing the an elastomeric material into a second cavity of the second tool and extruding the elastomeric material onto the supporting ring so as to fabricate a lip ring;
 - hardening the elastomeric material so as to bond the lip ring to the supporting ring thereby forming the sealing ring; and
 - removing the sealing ring from the tool.